

*Fig. 1
(Prior Art)*

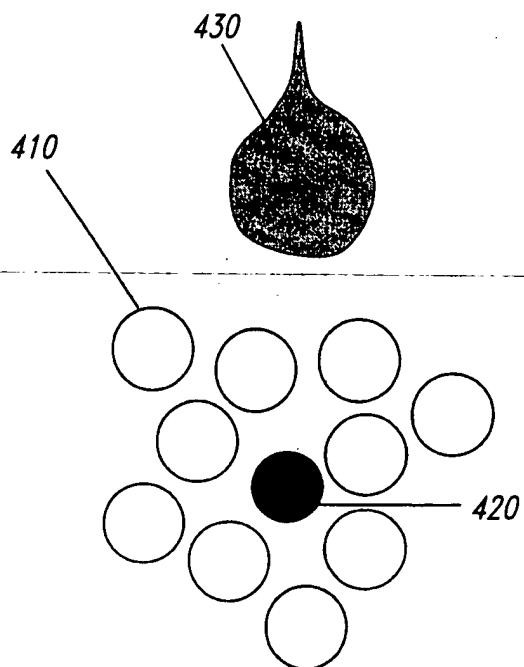


Fig. 4A

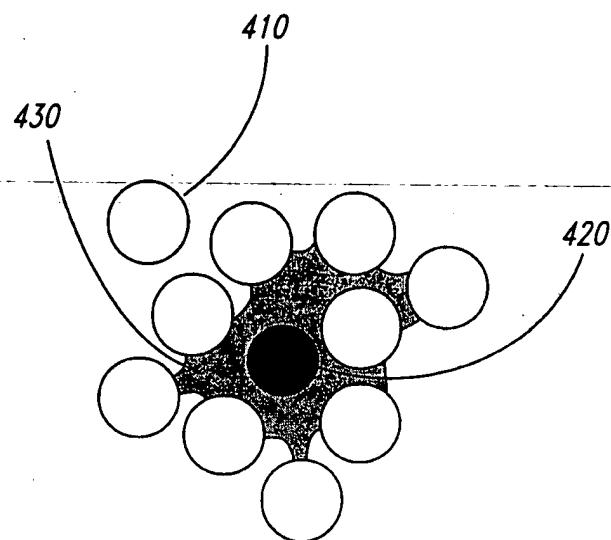


Fig. 4B

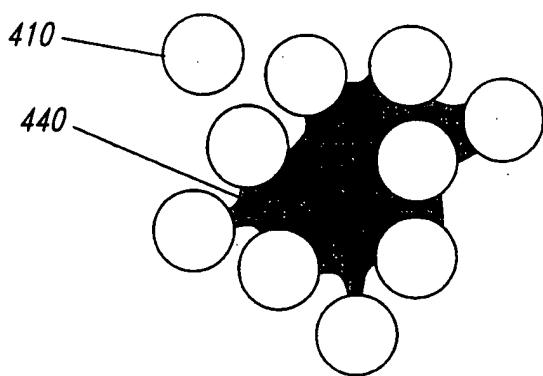


Fig. 4C

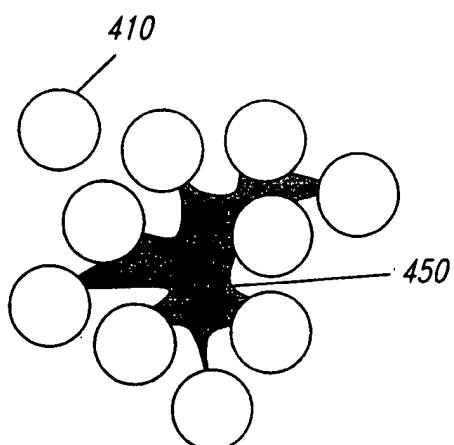


Fig. 4D

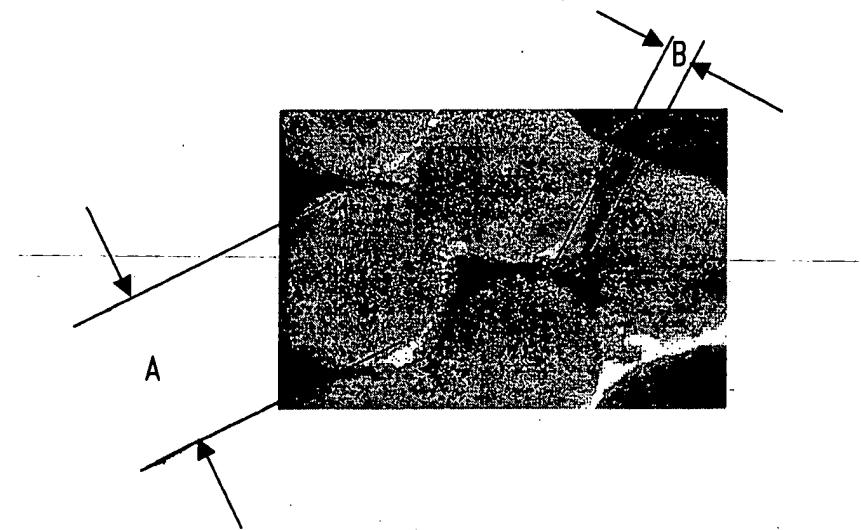


Fig. 2
(Prior Art)

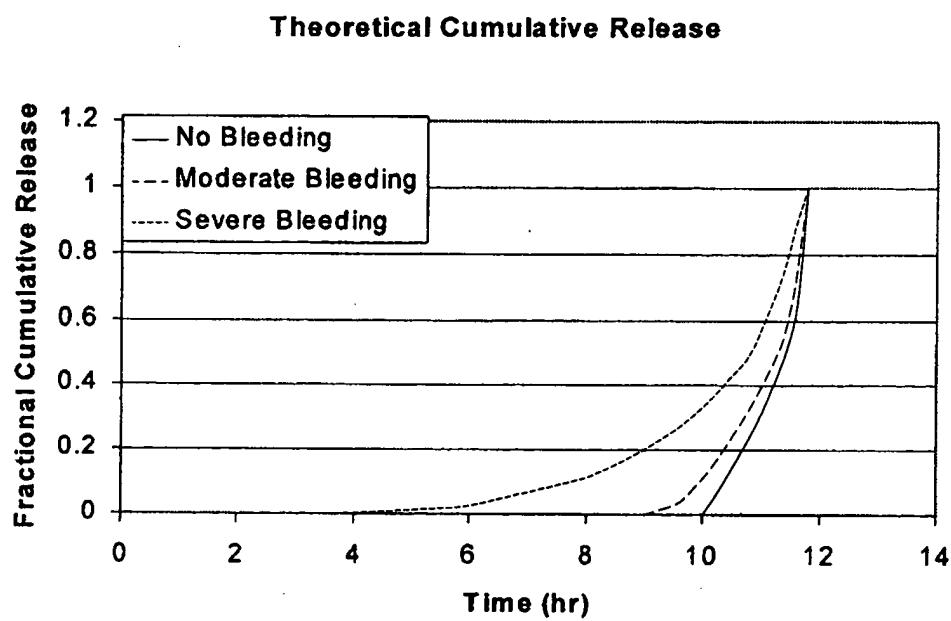


Fig. 3

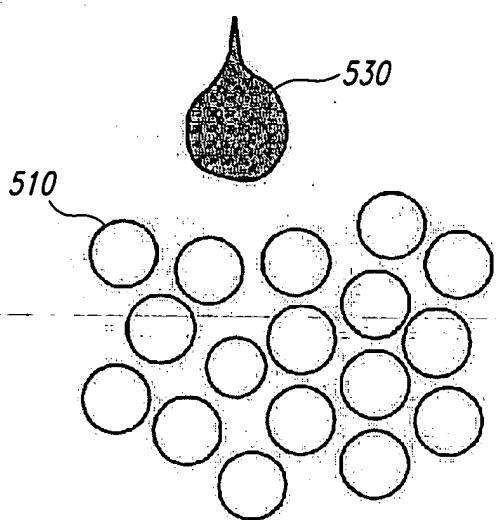


Fig. 5A

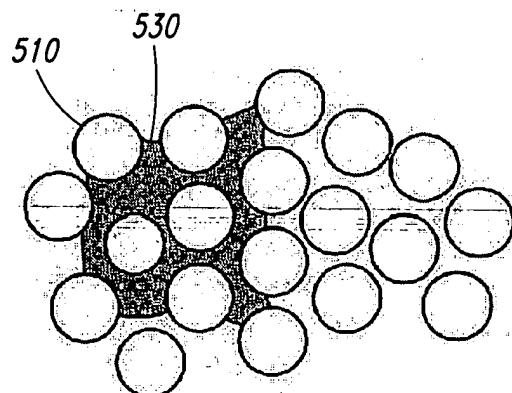


Fig. 5B

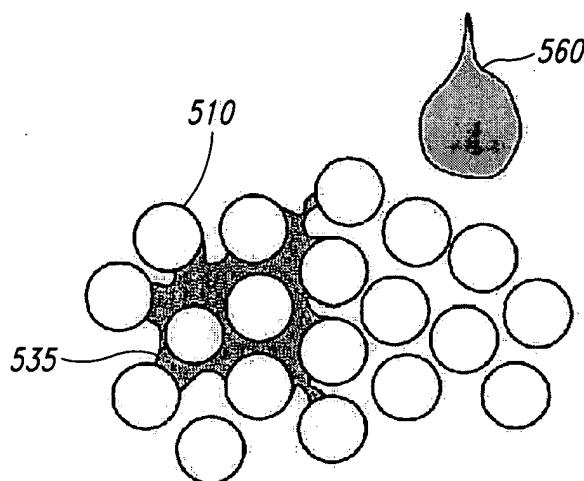


Fig. 5C

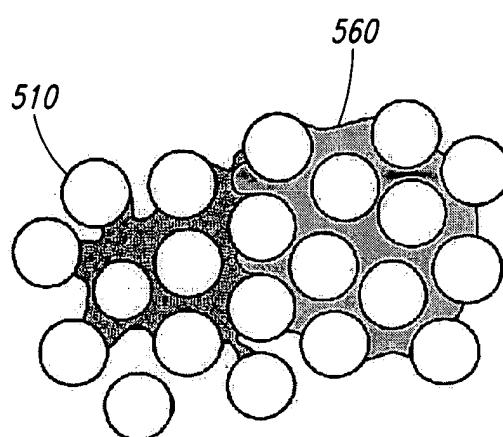


Fig. 5D

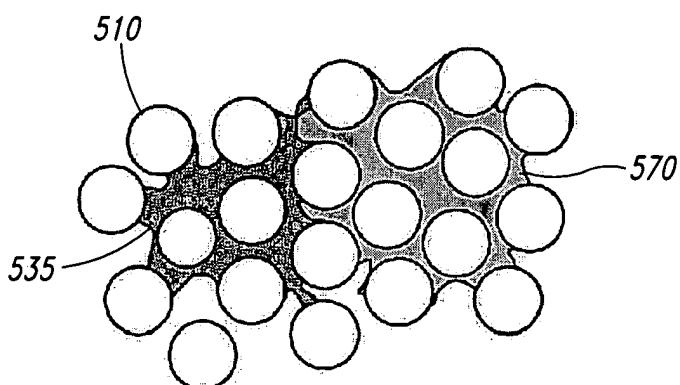


Fig. 5E

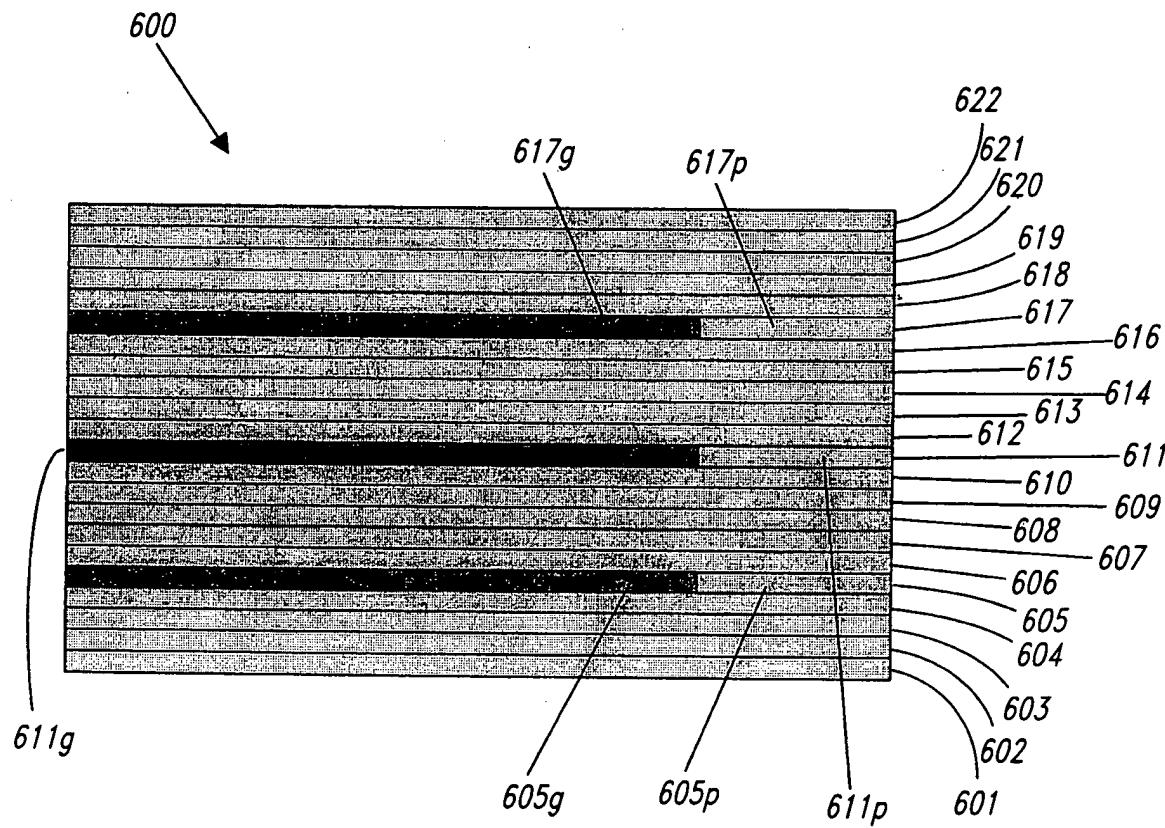


Fig. 6

SCANNING IMAGES FOR FLUORESCENT PIXEL DISTRIBUTION

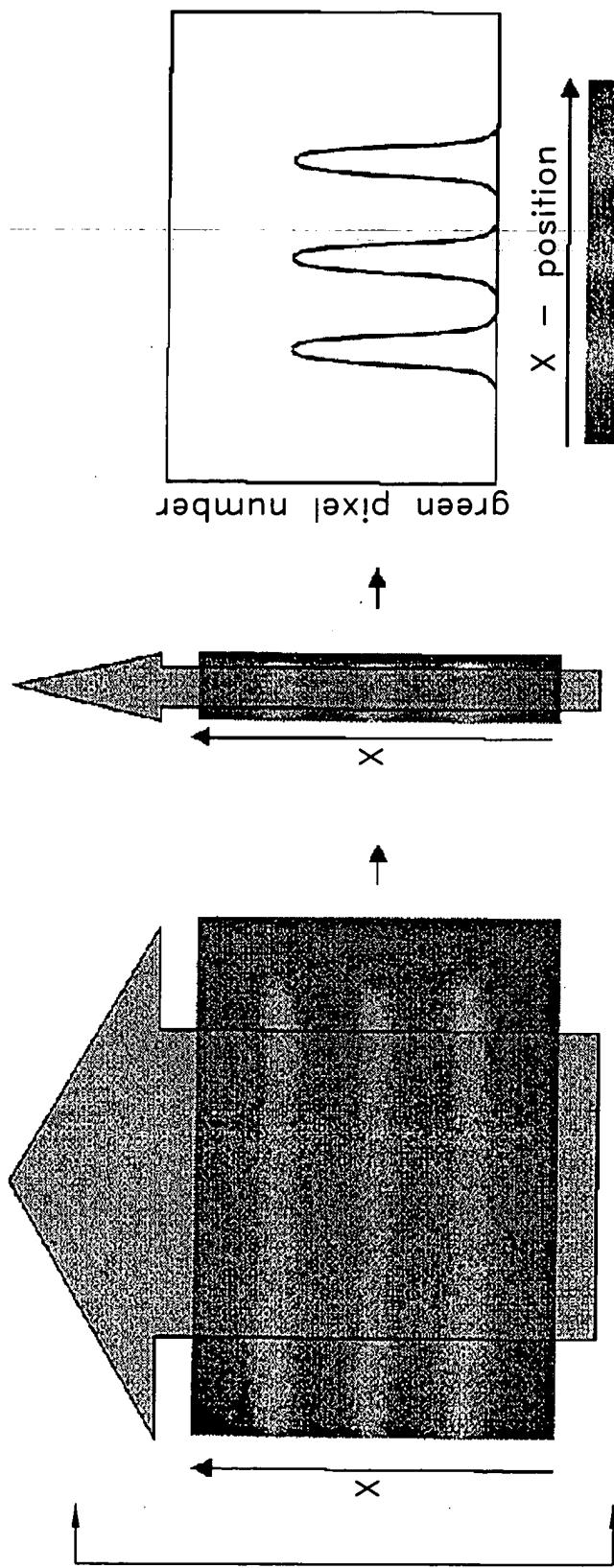


Fig. 7A

Fig. 7B

Fig. 7C

scan across digital image collapse and average
pixel count over position output: distribution

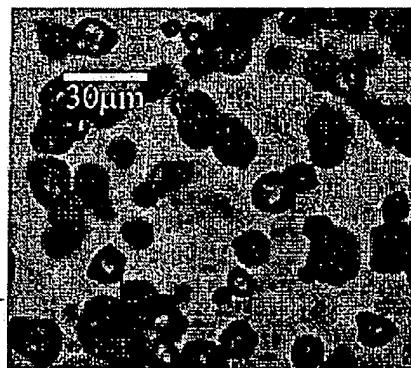


Fig. 8A

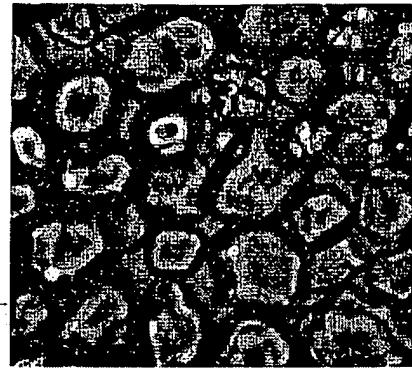
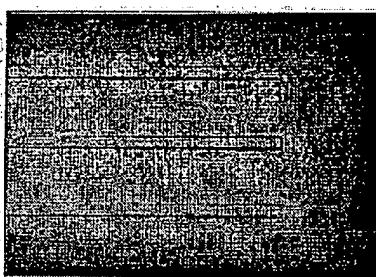
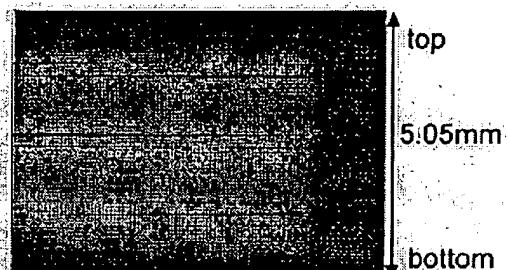


Fig. 8B



Powder: lactose 74 - 106 μm
Binder: 35wt% sucrose/DI H₂O
ave. thickness fluorescein layer = 1150 μm

Fig. 9A



Powder: 90% lactose/10% Cornstarch
Binder: 35wt% sucrose/DI H₂O
ave. thickness of fluorescein layer = 950 μm

Fig. 9B

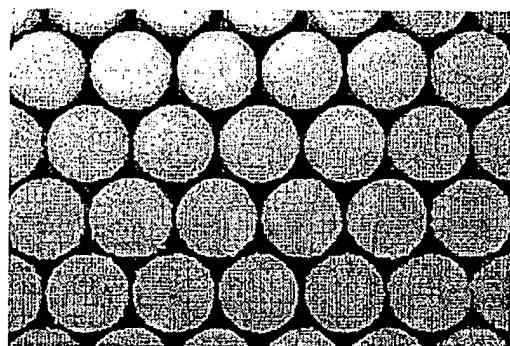


Fig. 10

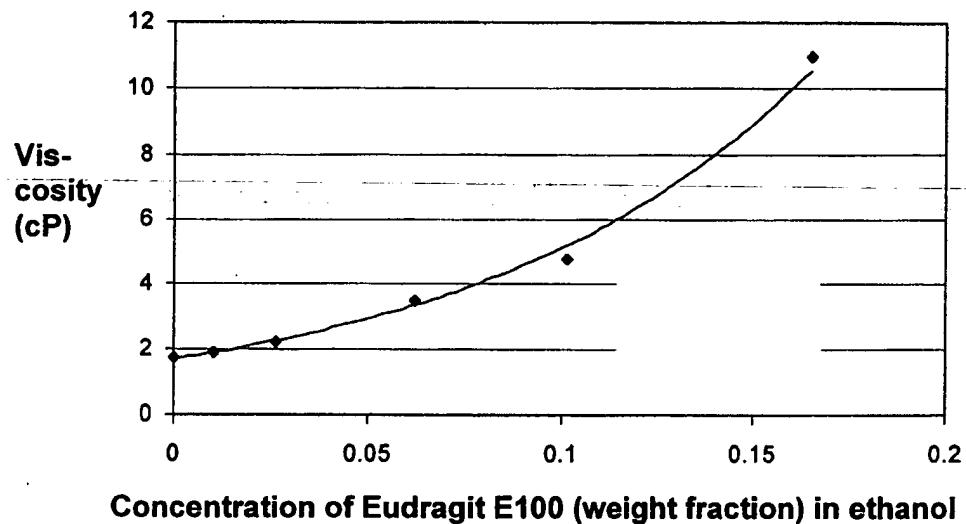
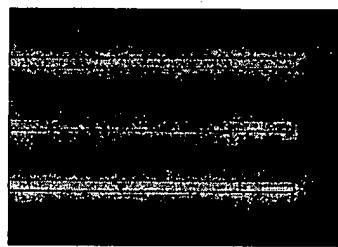
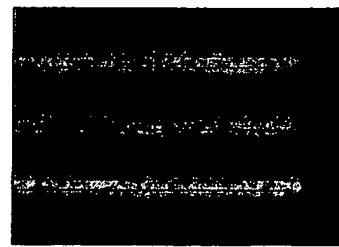


Fig. 11



Powder: lactose 74 - 106 μ m
Binder: 12wt% E100/Ethanol
ave. thickness fluorescein layer = 550 μ m



Powder: 80% lactose/ 20% E100
Binder: 12wt% E100/Ethanol
ave. thickness fluorescein layer = 440 μ m

Fig. 12A

Fig. 12B

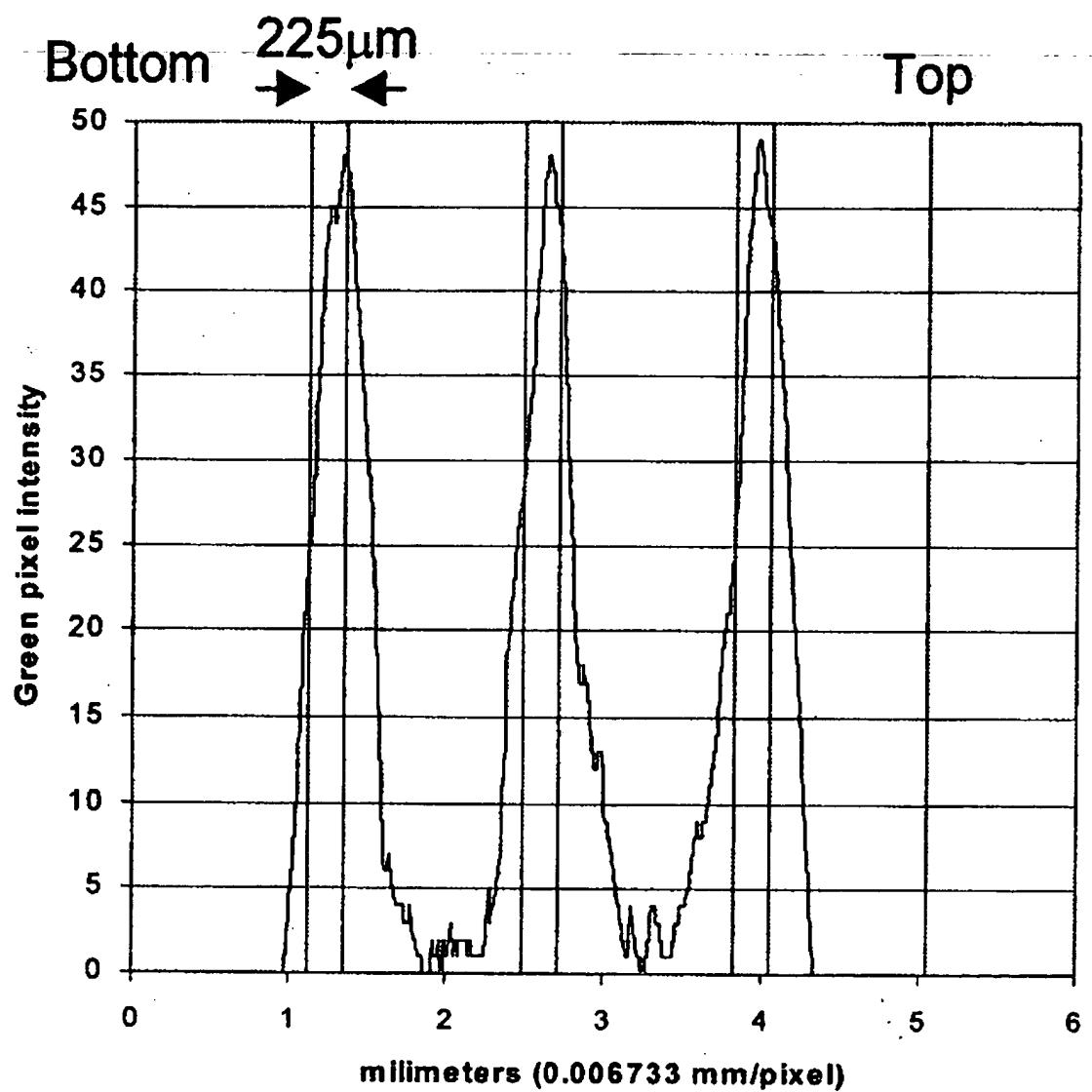


Fig. 13

Title: METHOD AND APPARATUS FOR CONTROLLING MIGRATION OF BINDER LIQUID IN A POWDER
Inventor(s): Charles William Rowe et al. Serial No. 100122.425

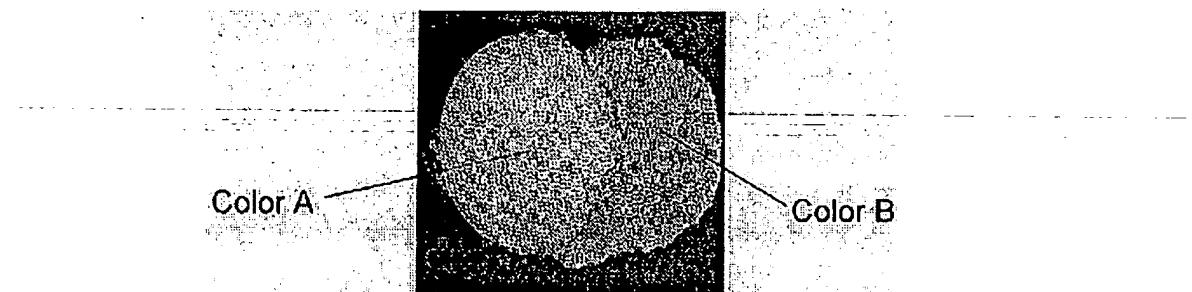
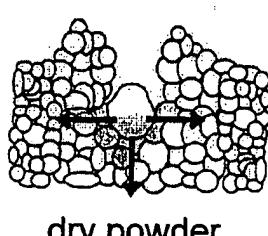
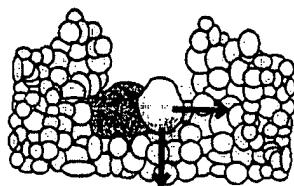


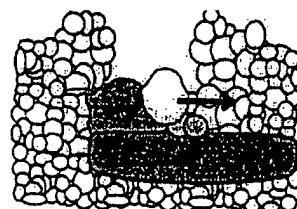
Fig. 14



dry powder



adjacent lines



subsequent layers

Fig. 15A

Fig. 15B

Fig. 15C

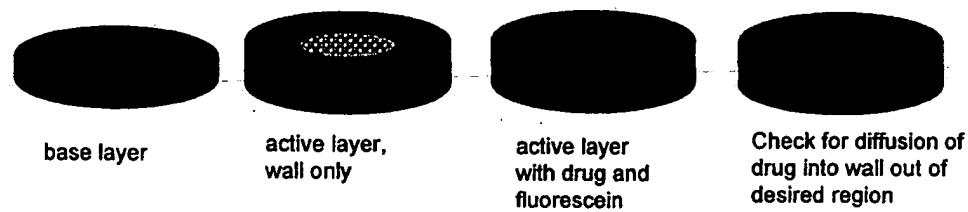


Fig. 16A

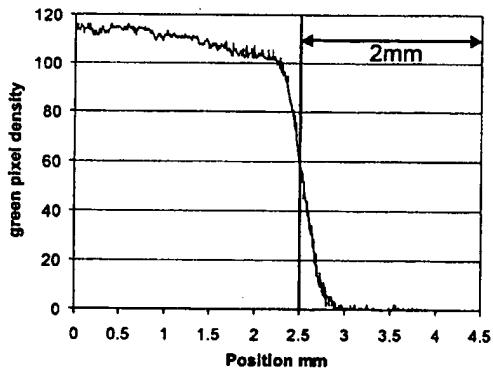


Fig. 16B

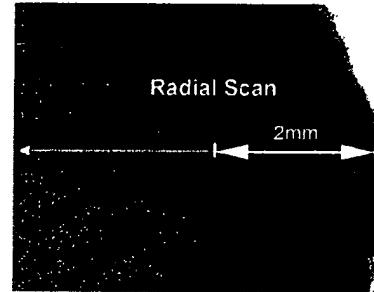


Fig. 16C